

s=> fil reg; d stat que 17; fil capl; d que nos 18; fil marpat; d que nos 117
 FILE 'REGISTRY' ENTERED AT 09:54:39 ON 17 DEC 2008
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STRUCTURE FILE UPDATES: 15 DEC 2008 HIGHEST RN 1084993-68-9
 DICTIONARY FILE UPDATES: 15 DEC 2008 HIGHEST RN 1084993-68-9

New CAS Information Use Policies, enter HELP USAGETERMS for details.

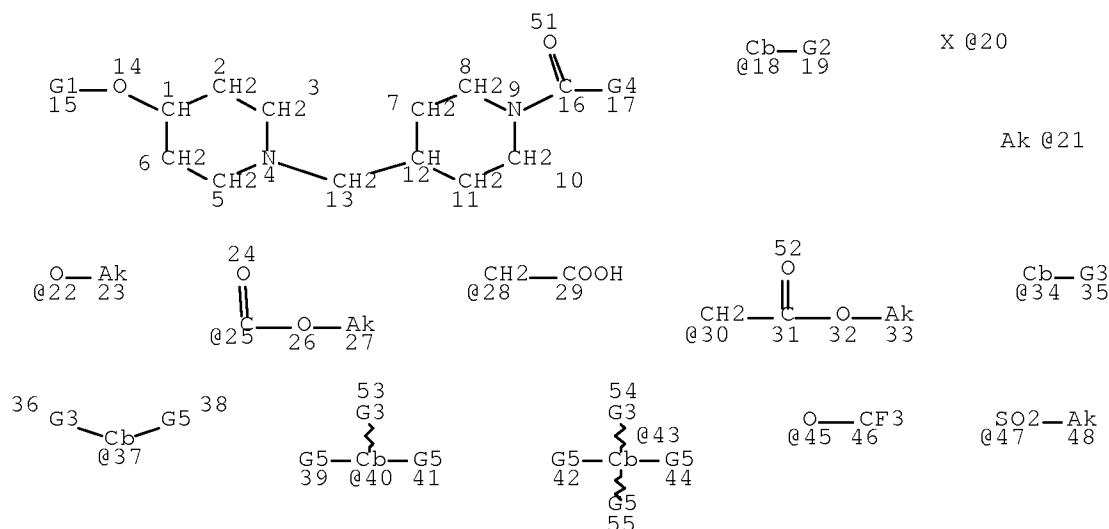
TSCA INFORMATION NOW CURRENT THROUGH July 5, 2008.

Please note that search-term pricing does apply when
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REGISTRY includes numerically searchable data for experimental and
 predicted properties as well as tags indicating availability of
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<http://www.cas.org/support/stngen/stdoc/properties.html>

L4 STR



Page 1-A



Page 2-A

VAR G1=56/18
 VAR G2=20/21/22
 VAR G3=OH/COOH/25/28/30
 VAR G4=34/37/40/43

VAR G5=20/CN/OH/21/22/CF3/45/47/49

NODE ATTRIBUTES:

CONNECT IS E1 RC AT 21
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 CONNECT IS E5 RC AT 43
 CONNECT IS E1 RC AT 48
 DEFAULT MLEVEL IS ATOM
 MLEVEL IS CLASS AT 18 20 21 23 27 33 34 37 40 43 48 56
 DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

RING(S) ARE ISOLATED OR EMBEDDED
 NUMBER OF NODES IS 56

STEREO ATTRIBUTES: NONE

L7 18 SEA FILE=REGISTRY SSS FUL L4

100.0% PROCESSED 3013 ITERATIONS
 SEARCH TIME: 00.00.01

18 ANSWERS

FILE 'CAPLUS' ENTERED AT 09:54:39 ON 17 DEC 2008
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FILE COVERS 1907 - 17 Dec 2008 VOL 149 ISS 25
 FILE LAST UPDATED: 16 Dec 2008 (20081216/ED)

Caplus now includes complete International Patent Classification (IPC) reclassification data for the third quarter of 2008.

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/legal/infopolicy.html>
 'OBI' IS DEFAULT SEARCH FIELD FOR 'CAPLUS' FILE

L4 STR
 L7 18 SEA FILE=REGISTRY SSS FUL L4
 L8 1 SEA FILE=CAPLUS SPE=ON ABB=ON L7

FILE 'MARPAT' ENTERED AT 09:54:39 ON 17 DEC 2008
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FILE CONTENT: 1961-PRESENT VOL 149 ISS 24 (20081212/ED)

MARPAT RECORDS ARE DERIVED FROM INPI DATA FOR 1961-1987

MOST RECENT CITATIONS FOR PATENTS FROM MAJOR ISSUING AGENCIES
 (COVERAGE TO THESE DATES IS NOT COMPLETE):

US 20080280867 13 NOV 2008
 DE 102008019744 30 OCT 2008
 EP 1990054 12 NOV 2008
 JP 2008262895 30 OCT 2008
 WO 2008136863 13 NOV 2008
 GB 2448808 29 OCT 2008
 FR 2915685 07 NOV 2008
 RU 2337918 10 NOV 2008
 CA 2629177 18 OCT 2008

Expanded G-group definition display now available.

The new MARPAT User Guide is now available at:
<http://www.cas.org/support/stngen/stdoc/marpat.html>.

L4 STR
 L17 1 SEA FILE=MARPAT SSS FUL L4

=> dup rem 18,117

FILE 'CAPLUS' ENTERED AT 09:54:44 ON 17 DEC 2008
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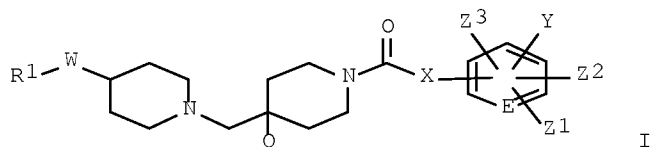
FILE 'MARPAT' ENTERED AT 09:54:44 ON 17 DEC 2008
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 COPYRIGHT (C) 2008 American Chemical Society (ACS)
 PROCESSING COMPLETED FOR L12
 PROCESSING COMPLETED FOR L17
 L18 1 DUP REM L8 L17 (1 DUPLICATE REMOVED)
 ANSWER '1' FROM FILE CAPLUS

=> d ibib abs hitstr 118; fil hom

L18 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2008 ACS on STN DUPLICATE 1
 ACCESSION NUMBER: 2004:817881 CAPLUS Full-text
 DOCUMENT NUMBER: 141:332055
 TITLE: Preparation of piperidine derivatives for the
 treatment of chemokine or H1 mediated disease state
 INVENTOR(S): Luckhurst, Christopher; Perry,
 Matthew; Springthorpe, Brian
 PATENT ASSIGNEE(S): Astrazeneca AB, Swed.

SOURCE: PCT Int. Appl., 44 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

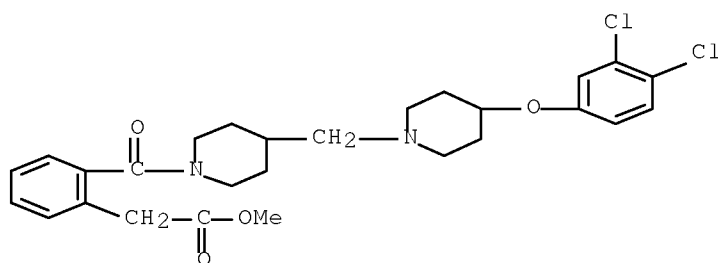
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004085423	A1	20041007	WO 2004-SE450	20040323
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EP 1611124	A1	20060104	EP 2004-722752	20040323
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK				
JP 2006521374	T	20060921	JP 2006-507982	20040323
US 20060281726	A1	20061214	US 2005-549868	20050921
PRIORITY APPLN. INFO.:			SE 2003-850	A 20030325
			WO 2004-SE450	W 20040323
OTHER SOURCE(S):			MARPAT 141:332055	
GI				



- AB The title compds. [I; E = CH, N; Q = H, OH; W = CH₂, O, NR₂; X = a bond, CH₂, CH₂O; Y = OH, SO₃H, CH₂SO₃H, etc.; Z₁-Z₃ = H, halo, CN, NO₂, etc.; R₁ = (un)substituted Ph; R₂ = H, alkyl], useful in the treatment of a chemokine (such as CCR3) or H1 mediated disease state, were prepared Thus, reacting 4-[[4-(3,4-dichlorophenoxy)piperidin-1-yl]methyl]piperidine with phthalic anhydride followed by treatment of the reaction mixture with AcOH afforded 2-[[4-[[4-(3,4-dichlorophenoxy)-1-piperidinyl]methyl]-1-piperidinyl]carbonyl]benzoic acid which showed pK_i of 6.5 in human H1 receptor binding assay. The pharmaceutical composition comprising the compound I is claimed.
- IT 770729-78-7P, Methyl 2-[2-[[4-[[4-(3,4-dichlorophenoxy)-1-piperidinyl]methyl]-1-piperidinyl]carbonyl]phenyl]acetate
 770729-81-2P, Methyl 4-[[4-[[4-(3,4-dichlorophenoxy)-1-piperidinyl]methyl]-1-piperidinyl]carbonyl]benzoate
 RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)
 (preparation of piperidine derivs. for the treatment of chemokine or H1 mediated disease state)

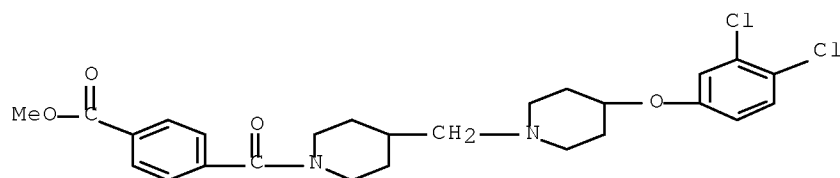
RN 770729-78-7 CAPLUS

CN Benzeneacetic acid, 2-[[4-[[4-(3,4-dichlorophenoxy)-1-piperidinyl]methyl]-1-piperidinyl]carbonyl]-, methyl ester (CA INDEX NAME)



RN 770729-81-2 CAPLUS

CN Benzoic acid, 4-[[4-[[4-(3,4-dichlorophenoxy)-1-piperidinyl]methyl]-1-piperidinyl]carbonyl]-, methyl ester (CA INDEX NAME)



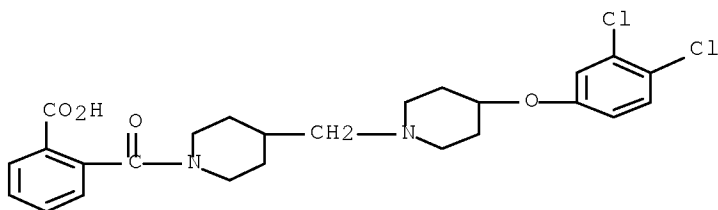
IT 770729-73-2P, 2-[[4-[[4-(3,4-Dichlorophenoxy)-1-piperidinyl]methyl]-1-piperidinyl]carbonyl]benzoic acid
 770729-74-3P, 2-[[4-[[4-(2,4-Dichloro-3-methylphenoxy)-1-piperidinyl]methyl]-1-piperidinyl]carbonyl]benzoic acid
 770729-75-4P, 2-[[4-[[4-(3,4-Dichloro-2-methylphenoxy)-1-piperidinyl]methyl]-1-piperidinyl]carbonyl]benzoic acid
 770729-76-5P, 2-[[4-[[4-(3,4-Dichlorophenoxy)-1-piperidinyl]methyl]-1-piperidinyl]carbonyl]-3,6-difluorobenzoic acid
 770729-79-8P, Methyl 3-[[4-[[4-(3,4-dichlorophenoxy)-1-piperidinyl]methyl]-1-piperidinyl]carbonyl]benzoate 770729-80-1P
 , Methyl 2-[[4-[[4-(3,4-dichlorophenoxy)-1-piperidinyl]methyl]-1-piperidinyl]carbonyl]-4-methoxybenzoate 770729-83-4P, Methyl
 4-chloro-2-[[4-[[4-(3,4-dichlorophenoxy)-1-piperidinyl]methyl]-1-piperidinyl]carbonyl]benzoate 770729-84-5P,
 2-[2-[[4-[[4-(3,4-Dichlorophenoxy)-1-piperidinyl]methyl]-1-piperidinyl]carbonyl]phenyl]acetic acid 770729-85-6P,
 3-[[4-[[4-(3,4-Dichlorophenoxy)-1-piperidinyl]methyl]-1-piperidinyl]carbonyl]benzoic acid 770729-87-8P,
 2-[[4-[[4-(3,4-Dichlorophenoxy)-1-piperidinyl]methyl]-1-piperidinyl]carbonyl]-4-methoxybenzoic acid 770729-88-9P,
 4-[[4-[[4-(3,4-Dichlorophenoxy)-1-piperidinyl]methyl]-1-piperidinyl]carbonyl]benzoic acid 770729-89-0P,
 2-[[4-[[4-(3,4-Dichlorophenoxy)-1-piperidinyl]methyl]-1-piperidinyl]carbonyl]-4-methylbenzoic acid 770729-90-3P,
 4-Chloro-2-[[4-[[4-(3,4-dichlorophenoxy)-1-piperidinyl]methyl]-1-piperidinyl]carbonyl]benzoic acid sodium salt 770729-91-4P,
 4-[[4-(3,4-Dichlorophenoxy)-1-piperidinyl]methyl]-1-[4-hydroxy-3-(methylsulfonyl)benzoyl]piperidine

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of piperidine derivs. for the treatment of chemokine or H1 mediated disease state)

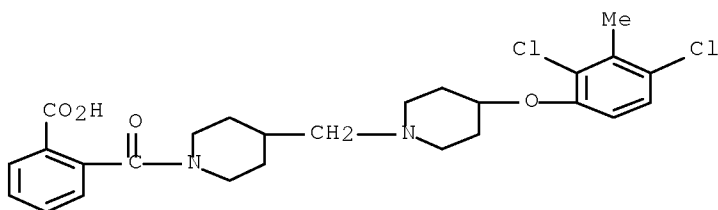
RN 770729-73-2 CAPLUS

CN Benzoic acid, 2-[[4-[[4-(3,4-dichlorophenoxy)-1-piperidinyl]methyl]-1-piperidinyl]carbonyl]- (CA INDEX NAME)



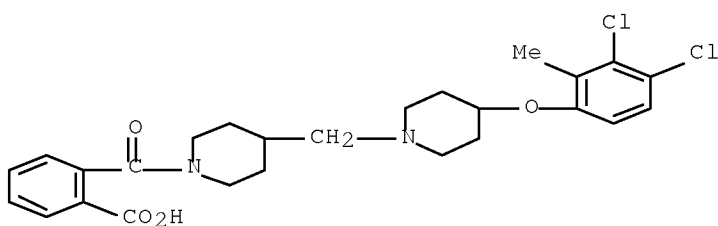
RN 770729-74-3 CAPLUS

CN Benzoic acid, 2-[[4-[[4-(2,4-dichloro-3-methylphenoxy)-1-piperidinyl]methyl]-1-piperidinyl]carbonyl]- (CA INDEX NAME)



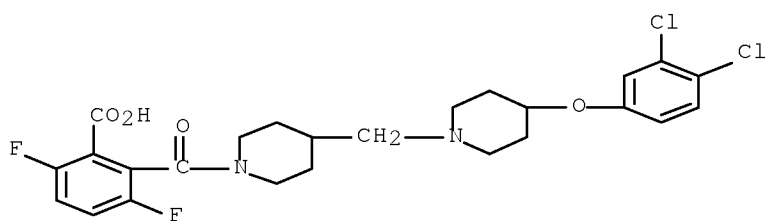
RN 770729-75-4 CAPLUS

CN Benzoic acid, 2-[[4-[[4-(3,4-dichloro-2-methylphenoxy)-1-piperidinyl]methyl]-1-piperidinyl]carbonyl]- (CA INDEX NAME)



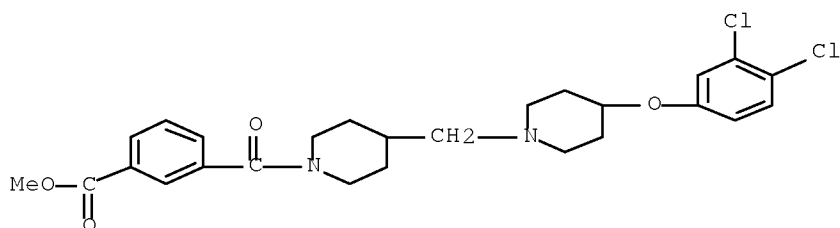
RN 770729-76-5 CAPLUS

CN Benzoic acid, 2-[[4-[[4-(3,4-dichlorophenoxy)-1-piperidinyl]methyl]-1-piperidinyl]carbonyl]-3,6-difluoro- (CA INDEX NAME)



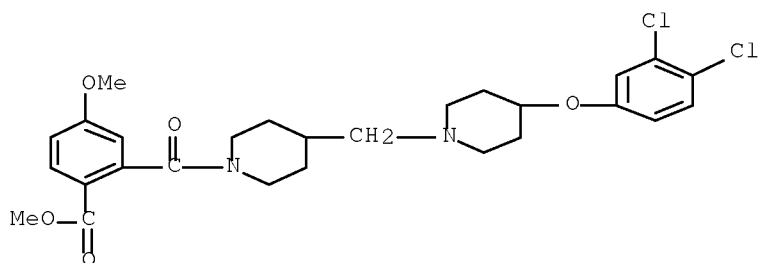
RN 770729-79-8 CAPLUS

CN Benzoic acid, 3-[[4-[[4-(3,4-dichlorophenoxy)-1-piperidinyl]methyl]-1-piperidinyl]carbonyl]-, methyl ester (CA INDEX NAME)



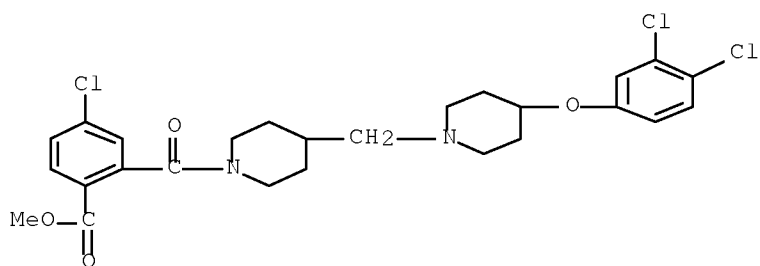
RN 770729-80-1 CAPLUS

CN Benzoic acid, 2-[[4-[[4-(3,4-dichlorophenoxy)-1-piperidinyl]methyl]-1-piperidinyl]carbonyl]-4-methoxy-, methyl ester (CA INDEX NAME)



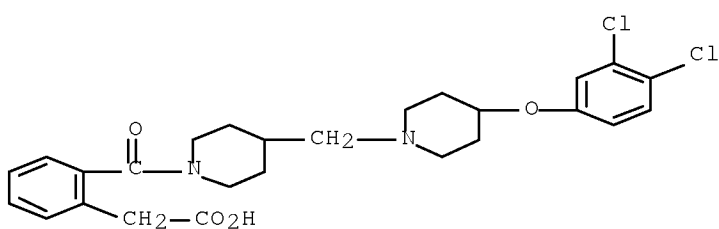
RN 770729-83-4 CAPLUS

CN Benzoic acid, 4-chloro-2-[[4-[[4-(3,4-dichlorophenoxy)-1-piperidinyl]methyl]-1-piperidinyl]carbonyl]-, methyl ester (CA INDEX NAME)



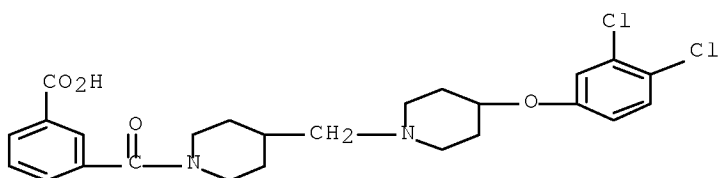
RN 770729-84-5 CAPLUS

CN Benzeneacetic acid, 2-[[4-[[4-(3,4-dichlorophenoxy)-1-piperidinyl]methyl]-1-piperidinyl]carbonyl]- (CA INDEX NAME)



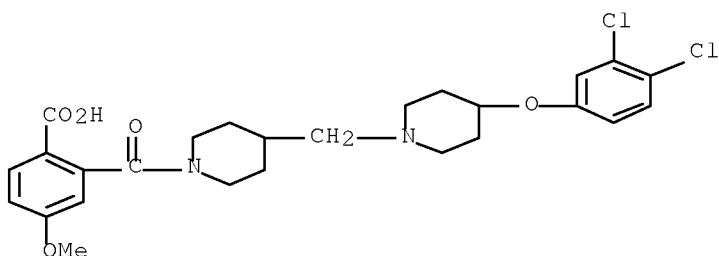
RN 770729-85-6 CAPLUS

CN Benzoic acid, 3-[[4-[[4-(3,4-dichlorophenoxy)-1-piperidinyl]methyl]-1-piperidinyl]carbonyl]- (CA INDEX NAME)



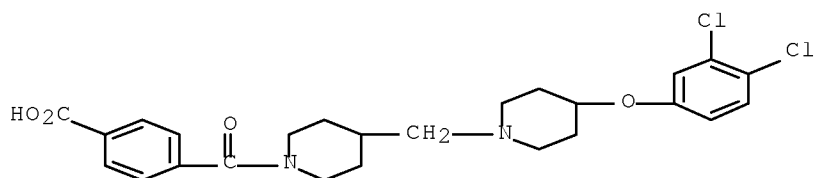
RN 770729-87-8 CAPLUS

CN Benzoic acid, 2-[[4-[[4-(3,4-dichlorophenoxy)-1-piperidinyl]methyl]-1-piperidinyl]carbonyl]-4-methoxy- (CA INDEX NAME)



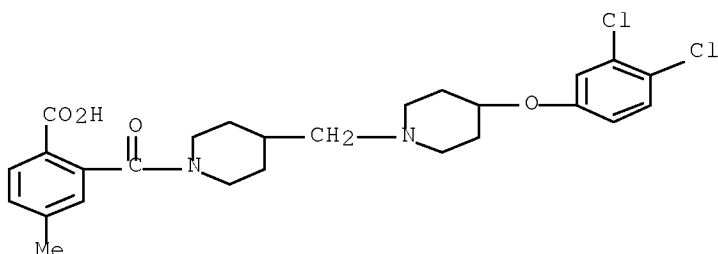
RN 770729-88-9 CAPLUS

CN Benzoic acid, 4-[[4-[[4-(3,4-dichlorophenoxy)-1-piperidinyl]methyl]-1-piperidinyl]carbonyl]- (CA INDEX NAME)



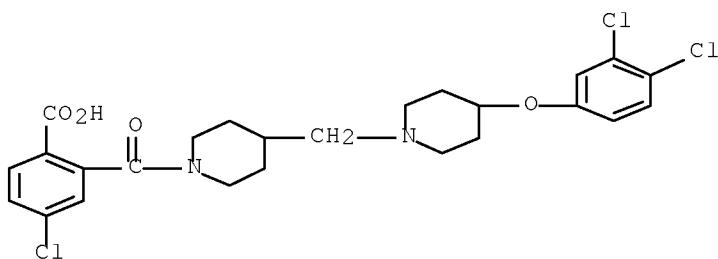
RN 770729-89-0 CAPLUS

CN Benzoic acid, 2-[[4-[[4-(3,4-dichlorophenoxy)-1-piperidinyl]methyl]-1-piperidinyl]carbonyl]-4-methyl- (CA INDEX NAME)



RN 770729-90-3 CAPLUS

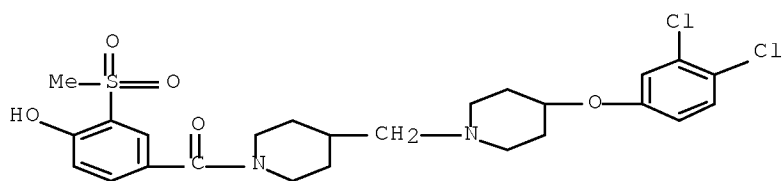
CN Benzoic acid, 4-chloro-2-[[4-[[4-(3,4-dichlorophenoxy)-1-piperidinyl]methyl]-1-piperidinyl]carbonyl]-, sodium salt (1:1) (CA INDEX NAME)



● Na

RN 770729-91-4 CAPLUS

CN Methanone, [4-[[4-(3,4-dichlorophenoxy)-1-piperidinyl]methyl]-1-piperidinyl][4-hydroxy-3-(methylsulfonyl)phenyl]- (CA INDEX NAME)

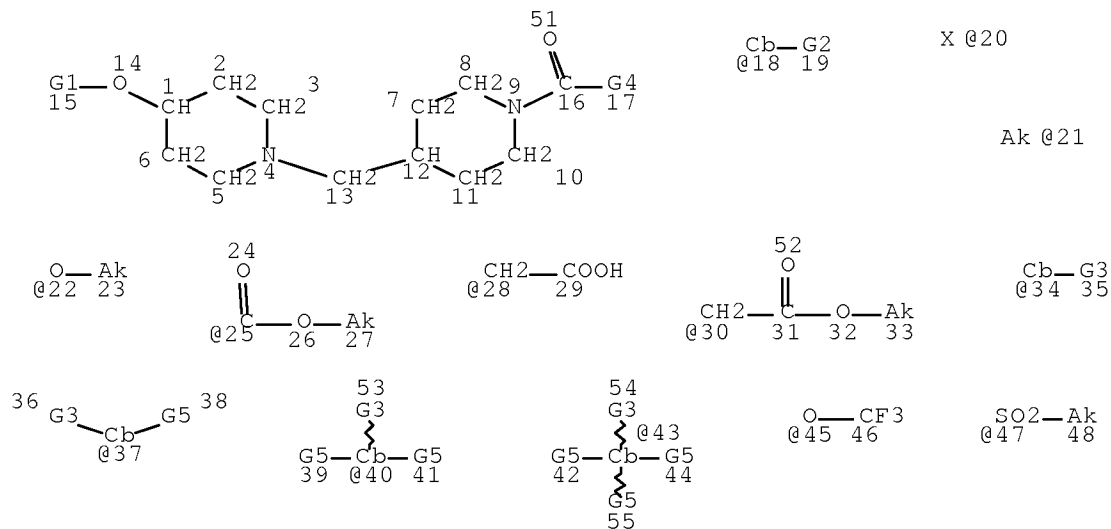


REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

FILE 'HOME' ENTERED AT 09:54:54 ON 17 DEC 2008

SEARCH HISTORY

=> d stat que 17; d his nofile
L4 STR



(FILE 'HOME' ENTERED AT 09:32:47 ON 17 DEC 2008)

FILE 'CAPLUS' ENTERED AT 09:33:03 ON 17 DEC 2008

E US2006-549868/APPS

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D SCAN
SEL RN

FILE 'REGISTRY' ENTERED AT 09:33:25 ON 17 DEC 2008

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L3 2 SEA SPE=ON ABB=ON L2 AND RSD/FA
D SCAN

FILE 'REGISTRY' ENTERED AT 09:34:22 ON 17 DEC 2008

L4 STR
L5 2 SEA SSS SAM L4
D SCAN
L6 3013 SEA SSS FUL L4 EXTEND
L7 18 SEA SSS FUL L4
SAVE TEMP L7 CHA868FULL/A

FILE 'CAPLUS' ENTERED AT 09:44:04 ON 17 DEC 2008

L8 1 SEA SPE=ON ABB=ON L7

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 L10 1565 SEA SPE=ON ABB=ON PERRY M?/AU
 L11 48 SEA SPE=ON ABB=ON SPRINGTHORPE B?/AU
 L12 1 SEA SPE=ON ABB=ON (L9 OR L10 OR L11) AND L8
 L13 0 SEA SPE=ON ABB=ON L1 AND L8
 D SCAN TI L12
 D SCAN TI L1

L14 FILE 'REGISTRY' ENTERED AT 09:49:30 ON 17 DEC 2008
 ANALYZE L7 1- LC : 3 TERMS
 D

FILE 'STNGUIDE' ENTERED AT 09:49:48 ON 17 DEC 2008

L15 FILE 'MARPAT' ENTERED AT 09:50:01 ON 17 DEC 2008
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 L16 12645 SEA SSS FUL L4 EXTEND
 L17 1 SEA SSS FUL L4
 SAVE TEMP L17 CHA868MARPA
 D SCAN

FILE 'STNGUIDE' ENTERED AT 09:53:53 ON 17 DEC 2008

FILE 'REGISTRY' ENTERED AT 09:54:39 ON 17 DEC 2008
 D STAT QUE L7

FILE 'CAPLUS' ENTERED AT 09:54:39 ON 17 DEC 2008
 D QUE NOS L8

FILE 'MARPAT' ENTERED AT 09:54:39 ON 17 DEC 2008
 D QUE NOS L17

L18 FILE 'CAPLUS, MARPAT' ENTERED AT 09:54:44 ON 17 DEC 2008
 1 DUP REM L12 L17 (1 DUPLICATE REMOVED)
 ANSWER '1' FROM FILE CAPLUS
 D IBIB ABS HITSTR L18

FILE 'HOME' ENTERED AT 09:54:54 ON 17 DEC 2008
 D STAT QUE L7

=>